

Recombinant Human PDCD10 Protein, His-tagged

Cat. No. PDCD10-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human programmed cell death 10(PDCD10) protein, transcript variant 1(NM_007217), with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	This gene encodes an evolutionarily conserved protein associated with cell apoptosis. The protein interacts with the serine/threonine protein kinase MST4 to modulate the extracellular signal-regulated kinase (ERK) pathway. It also interacts with and is phosphorylated by serine/threonine kinase 25, and is thought to function in a signaling pathway essential for vascular development. Mutations in this gene are one cause of cerebral cavernous malformations, which are vascular malformations that cause seizures and cerebral hemorrhages. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.291, without any preservatives.
Molecular Mass	24.9kD
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining

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Applications

Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

GENE INFORMATION

Gene Name [PDCD10 programmed cell death 10 \[Homo sapiens \]](#)

Official Symbol [PDCD10](#)

Synonyms

PDCD10; programmed cell death 10; CCM3, cerebral cavernous malformations 3; programmed cell death protein 10; TFAR15; apoptosis-related protein 15; TF-1 cell apoptosis-related protein 15; cerebral cavernous malformations 3 protein; CCM3; MGC1212; MGC24477;

Gene ID [11235](#)

mRNA Refseq [NM_007217](#)

Protein Refseq [NP_009148](#)

MIM [609118](#)

UniProt ID [Q9BUL8](#)

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